0 9 2004 (8)		
	Case No:	58053US005
DÉCLARATION AND POWER OF ATTORNEY,  FOR UTILITY OR DESIGN	First Named Inventor:	Robin E. GORRELL
FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR § 1.63)	COM	IPLETE IF KNOWN
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Application No.:	10/668,881
☐ Declaration ☐ Declaration Submitted after	Filing Date:	September 23, 2003
Submitted with Initial Initial Filing (surcharge 37 CFR Filing § 1.16(e) required)	Art Unit:	
Filling § 1. 10(e) required)	Examiner Name:	
As a below named inventor, I hereby declare that my residence, name, and that I believe I am an original, first, and sole inventor inventor (if plural names are listed below) of the subject matter whentitled:	(if only one name is lis	sted below) or an original, first, and join
CRACK RESISTANT INTE	RCONNECT MODU	ILE
The specification of which		
is attached hereto;		

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

(if applicable).

10/668,881

Case No.: 58053US005

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 USC §§ 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign		Foreign Filing Date	Priority NOT	Certified Copy	Attached
Application No.	Country	(MM/DD/YYYY)	Claimed	YES	NO

I hereby appoint Practitioners at Customer Number 32692 as my attorneys and/or agents with full powers (including the powers of appointment, substitution, and revocation) to prosecute this application and any division, continuation, continuation-in-part, reexamination, or reissue thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Customer Number for Practitioner of Record:

was filed on

filed on

and was amended on

as United States Application No.

is identified as PCT International Application No.

32692

**September 23, 2003** 

I also appoint the following Practitioners as my attorneys and/or agents with full powers (including the powers of appointment, substitution, and revocation) to prosecute this application and any division, continuation, continuation-in-part, reexamination, or reissue thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith: None

The mailing address and the telephone number of the above-identified attorneys and/or agents are that of Customer No. 32692.

Inquiries regarding this application can be made to:

Attention: Melanie G. Gover

Office of Intellectual Property Counsel 3M Innovative Properties Company Telephone No.: (512) 984-4308

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:	☐ A petition has been filed for this unsigned inventor.		
Given Name (first and middle [if any]): Robin E.	Family Name or Surname: GORRELL		
Inventor's Signature:		Date:	
Shri 9. Dun		11-11-2003	
Residence: Eau Claire, Wisconsin	Country: USA	Citizenship: United States of America	
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA			
NAME OF JOINT INVENTOR, IF ANY:	☐ A petition has been filed for	this unsigned inventor.	
Given Name (first and middle [if any]): Mark F.	Family Name or Surname: SYLVESTER		
Inventor's Signature:		Date:	
Residence: Landenberg, Pennsylvania	Country: USA	Citizenship: United States of America	
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA			
NAME OF JOINT INVENTOR, IF ANY:	☐ A petition has been filed for	this unsigned inventor.	
Given Name (first and middle [if any]): Donald R.	Family Name or Surname: BANKS		
Inventor's Signature:  Long R. Burger		Date:	
Residence: Eau Claire, Wisconsin	Country: USA	Citizer/ship: V United States of America	
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		-	

NAME OF JOINT INVENTOR, IF ANY	☐ A petition has be	☐ A petition has been filed for this unsigned inventor.	
Given Name (first and middle [if any]): Michael D.	Family Name or Surnam HOLCOMB	ne:	
Inventor's Signature:  Wich! D. Holen		Date: 11/11/03	
Residence: Cadott, Wisconsin	Country: USA	Citizenship: United States of America	
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, US	SA		
NAME OF JOINT INVENTOR, IF ANY:	☐ A petition has be	en filed for this unsigned inventor.	
Given Name (first and middle [if any]): William V.	Family Name or Suman BALLARD	ne:	
Inventor's Signature:		Date: 11/11/03	
Residence: Altoona, Wisconsin	Country: USA	Citizenship: United States of America	
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, US	SA		
	as reported		
NAME OF JOINT INVENTOR, IF ANY:	☐ A petition has be	en filed for this unsigned inventor.	
Given Name (first and middle [if any]): Kouichi	Family Name or Surnam HIROSAWA	ne:	
Inventor's Signature:		Date:	
Residence: Kawasaki city, Kanagawa prefecture 211-8668	Country: Japan	Citizenship: Japan	
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, US	SA		
NAME OF JOINT INVENTOR, IF ANY:	☐ A petition has be	en filed for this unsigned inventor.	
Given Name (first and middle [if any]): Sadanobu	Family Name or Surname: SATOU		
Inventor's Signature:		Date:	
Residence: Kawasaki city, Kanagawa prefecture 211-8668	Country: Japan	Citizenship: Japan	
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, US	SA	I	

NAME OF JOINT INVENTIOR, IF ANY:	☐ A petition has been	☐ A petition has been filed for this unsigned inventor.	
Given Name (first and middle [if any]): Teruhiko	Family Name or Surname Kimura	Family Name or Surname: Kimura	
Inventor's Signature:		Date:	
Residence: Kawasaki city, Kanagawa prefecture 211-8668	Country: Japan	Citizenship: Japan	
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, U	JSA		

0 9 2004		
DESI ADATION AND DOMED OF ATTORNEY	Case No:	58053US005
DECLARATION AND POWER OF ATTORNEY, FOR UTILITY OR DESIGN PATENT APPLICATION (37 CEP \$ 1.63)	First Named Inventor:	Robin E. GORRELL
PATENT APPLICATION (37 CFR § 1.63)	COMPLETE IF KNOWN	
, ,	Application No.:	10/668,881
☐ Declaration ☒ Declaration Submitted after	Filing Date:	September 23, 2003
Submitted with Initial Initial Filing (surcharge 37 CFR Filing § 1.16(e) required)	Art Unit:	
y 1.10(e) required)	Examiner Name:	
As a below named inventor, I hereby declare that my residence, r name, and that I believe I am an original, first, and sole inventor inventor (if plural names are listed below) of the subject matter whentitled:	(if only one name is list	sted below) or an original, first, and
CRACK RESISTANT INTER	RCONNECT MODI	II E

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

(if applicable).

10/668,881

Case No.: 58053US005

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 USC §§ 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign		Foreign Filing Date	Priority NOT	Certified Copy	Attached
Application No.	Country	(MM/DD/YYYY)	Claimed	YES	NO

I hereby appoint Practitioners at Customer Number 32692 as my attorneys and/or agents with full powers (including the powers of appointment, substitution, and revocation) to prosecute this application and any division, continuation, continuation-in-part, reexamination, or reissue thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

**Customer Number for Practitioner of Record:** 

was filed on

filed on

and was amended on

as United States Application No.

is identified as PCT International Application No.

32692

**September 23, 2003** 

I also appoint the following Practitioners as my attorneys and/or agents with full powers (including the powers of appointment, substitution, and revocation) to prosecute this application and any division, continuation, continuation-in-part, reexamination, or reissue thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith: None

The mailing address and the telephone number of the above-identified attorneys and/or agents are that of Customer No. 32692.

Inquiries regarding this application can be made to:

Attention: Melanie G. Gover

Office of Intellectual Property Counsel 3M Innovative Properties Company Telephone No.: (512) 984-4308

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:	☐ A petition has been filed for	this unsigned inventor.
Given Name (first and middle [if any]): Robin E.	Family Name or Surname: GORRELL	
Inventor's Signature:		Date:
Residence: Eau Claire, Wisconsin	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		
NAME OF JOINT INVENTOR, IF ANY:		
4	A petition has been filed for	this unsigned inventor.
Given Name (first and middle [if any]): Mark F.	Family Name or Surname: SYLVESTER	
Inventor's Signature:		Date: 12/11/2 003
Residence: Landenberg, Pennsylvania	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		
NAME OF JOINT INVENTOR, IF ANY:	☐ A petition has been filed for	this unsigned inventor.
Given Name (first and middle [if any]): Donald R.	Family Name or Surname: BANKS	
Inventor's Signature:		Date:
Residence: Eau Claire, Wisconsin	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		

NAME OF JOINT INVENTOR, IF ANY:	☐ A petition has bee	n filed for this unsigned inventor.
Given Name (first and middle [if any]): Michael D.	Family Name or Surname: HOLCOMB	
Inventor's Signature:		Date:
Residence: Cadott, Wisconsin	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, U	SA	
NAME OF JOINT INVENTOR, IF ANY:		n filed for this unsigned inventor.
Given Name (first and middle [if any]): William V.	Family Name or Surnam BALLARD	
Inventor's Signature:		Date:
Residence: Altoona, Wisconsin	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, U	SA	
NAME OF JOINT INVENTOR, IF ANY:	☐ A petition has bee	en filed for this unsigned inventor.
Given Name (first and middle [if any]): Kouichi	Family Name or Surnam HIROSAWA	e:
Inventor's Signature:		Date:
Residence: Kawasaki city, Kanagawa prefecture 211-8668	Country: Japan	Citizenship: Japan
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, U	SA	
NAME OF JOINT INVENTOR, IF ANY:	☐ A petition has bee	en filed for this unsigned inventor.
Given Name (first and middle [if any]): Sadanobu	Family Name or Surnam SATOU	_
inventor's Signature:		Date:
Residence: Kawasaki city, Kanagawa prefecture 211-8668	Country: Japan	Citizenship: Japan
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, U	SA	

NAME OF JOINT INVENTOR, IF ANY:	☐ A petition has be	☐ A petition has been filed for this unsigned inventor.	
Given Name (first and middle [if any]): Teruhiko	Family Name or Surname: Kimura		
Inventor's Signature:		Date:	
Residence: Kawasaki city, Kanagawa prefecture 211-8668	Country: Japan	Citizenship: Japan	
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, L	JSA		

· A	4		Case No:	58053U	S005	
	DECLARATION AND POWER OF ATTORNEY, FOR UTILITY OR DESIGN	RNEY,	First Named Inventor: Robin E. GORRELL			
	ICATION (37 CFR § 1.6	33)	COMPLETE IF KNOWN			
777217171		,	Application No.:	10/668,88	1	
Declaration	□ Declaration Submitted     □ Declaration Submitt	ted after	Filing Date:	September	23, 2003	
Submitted with Initial	ial Initial Filing (surcharge 37 CFR § 1.16(e) required)	arge 37 CFR	Art Unit:			
Filing			Examiner Name	:		
As a below named inventon name, and that I believe I inventor (if plural names arentitled:	am an original, first, and	sole inventor	(if only one nam	e is listed below)	or an original, fi	rst, and joir
	CRACK RESIST	ANT INTE	RCONNECT N	ODULE		
The specification of which is attached hereto;						
	September	23 2003	<del></del>			
as United States Appli		20, 2000		1	0/668,881	
☐ is identified as DCT Int	cornetional Application No.					
is identified as PCT Int	emational Application No.					
and was amended on			(if ap	plicable).		
I hereby state that I have amended by any amendme			ts of the above-io	dentified specifica	tion, including th	e claims, a
I acknowledge the duty to continuation-in-part applicat national or PCT international hereby claim foreign priori or plant breeder's rights certhe United States of Americinventor's or plant breeder's	tions, material information of al filing date of the continua ty benefits under 35 USC ( tificate(s), or 365(a) of any ca, listed below and have	which becam tion-in-part ap §§ 119(a)-(d) PCT internatalso identifie	e available between pplication.  or (f), or 365(b) on tional application with the below, by check the same are the control of	en the filing date of f any foreign appli which designated a king the box, any	of the prior applic ication(s) for pate at least one coun foreign application	ation and the ent, inventor's try other than on for patent
on which priority is claimed.						
Prior Foreign	Country	Foreign Fili (MM/DD/		Priority NOT Claimed	Certified Co	py Attached NO
Annication No 1	Country	וטטוואו)	,			110
Application No.			į.			1 1 1
Application No.						<del>                                     </del>

reexamination, or reissue thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

**Customer Number for Practitioner of Record:** 

32692

I also appoint the following Practitioners as my attorneys and/or agents with full powers (including the powers of appointment, substitution, and revocation) to prosecute this application and any division, continuation, continuation-in-part, reexamination, or reissue thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith: None

The mailing address and the telephone number of the above-identified attorneys and/or agents are that of Customer No. 32692.

Inquiries regarding this application can be made to:

Attention: Melanie G. Gover Office of Intellectual Property Counsel 3M Innovative Properties Company Telephone No.: (512) 984-4308

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

A petition has been filed for this unsigned inventor.	
Family Name or Surname: GORRELL	
	Date:
Country: USA	Citizenship: United States of America
☐ A petition has been filed	I for this unsigned inventor.
Family Name or Surname: SYLVESTER	
	Date:
Country: USA	Citizenship: United States of America
☐ A petition has been filed	for this unsigned inventor.
Family Name or Surname: BANKS	
<u></u>	Date:
Country: USA	Citizenship: United States of America
	Country: USA  A petition has been filed Family Name or Surname: SYLVESTER  Country: USA  A petition has been filed Family Name or Surname: SYLVESTER  Country: USA  Country: USA  Country: Country: Country: Country: Country: Country: Country: Country: Country:

NAME OF JOINT INVENTOR IF ANY:	☐ A petition has been filed for this unsigned inventor.	
Given Name (first and middle [if any]): Michael D.	Family Name or Surname: HOLCOMB	
Inventor's Signature:		Date:
Residence: Cadott, Wisconsin	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		
NAME OF JOINT INVENTOR IF ANY:	☐ A petition has been filed for	this unsigned inventor
Given Name (first and middle [if any]): William V.	Family Name or Surname: BALLARD	
Inventor's Signature:		Date:
Residence: Altoona, Wisconsin	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		·
A NAME OF JOINT INVENTOR, IF ANY	☐ A petition has been filed for t	this unsigned inventor.
Given Name (first and middle [if any]): Kouichi	Family Name or Surname: HIROSAWA	
Inventor's Signature: Roundi Apirosam	<i>u</i>	November 20, 2003
Kawasaki, Kanagawa	Country: Japan	Citizenship: Japan
Mailing Address: c/o NEC Electronics Corporation, 1753 Shimonumabe, N	lakahara-ku, Kawasaki, Kanaç	jawa 211-8668, Japan
NAME OF JOINT INVENTOR, IF ANY:	☐ A petition has been filed for the	his unsigned inventor
Given Name (first and middle [if any]):	Family Name or Surname: SATOU	· ·
Inventor's Signature: Sadanobu Sal		Date: November 17, 2003
Residence: Kawasaki, Kanagawa	Country:	Citizenship: Japan
Mailing Address: c/o NEC Electronics Corporation, 1753 Shimonumabe, Na	akahara-ku, Kawasaki, Kanag	awa 211-8668, Japan

NAME OF JOINT INVENTOR, IF ANY:  Given Name (first and middle [if any]):  Teruhiko	Family Name or Surname: KIMURA	
Inventor's Signature:  Teruhiko Himura	/	Date: November 17, 2003
Residence: Kawasaki, Kanagawa	Country: Japan	Citizenship: Japan